

C-2-b. Kona Upland Benchmark System Worksheet

1	STATE	Hawaii
2	FIELD OFFICE	Kealahou
3	MLRA	161
4	COMMON RESOURCE AREA (CRA)	Kona Upland
5	RESOURCE INTERPRETATIONS	<i>see Section II FOTG for interpretations</i>
5.1	SOIL	Hawaii Lava flows association Hanipoe-Maile-Puu Oo association Kekake-Keei-Kiloa association
5.2	WATER	Not Available
5.3	AIR	Not Available
5.4	PLANT	Not Available
5.5	ANIMAL	Not Available
5.6	HUMAN	Not Available
6	HYDROLOGIC UNIT	20010000
7	SYSTEM TEMPLATE LABEL	KUA00
8	SYSTEM NAME	Kona Upland, Benchmark, State
9	PLANNING PHASE	Benchmark
10	PLANNING LEVEL	Not Applicable
11	NRCS LANDUSE	NPAS / WOOD / CROP
12	EXISTING CONSERVATION PRACTICES	
		1. None 2. 3. 4. 5.
13	SYSTEM NARRATIVE	
	Representative Areas:	Hawaii – Kona uplands.
	Land Use:	Naturalized Pasture - Livestock grazing on native or naturalized pasture. Woodland - Selective harvesting of forestry products. Cropland - Some orchard crops (macadamia nut and coffee).
	Topography:	Steep, complex slopes.
	Soil:	<u>Lava flows association</u> : Gently sloping to steep, excessively drained, nearly barren a'a and pahoe-hoe lava flows. <u>Hanipoe-Maile-Puu Oo association</u> : Deep, gently sloping to steep, well-drained soils that have a medium-textured to moderately fine textured subsoil. <u>Kekake-Keei-Kiloa association</u> : Very shallow, gently sloping to steep, well-drained organic soils over a'a or pahoe-hoe lava.
	Rainfall:	20 – 30 inches per year; most of precipitation falls between December and March.
	Temperature:	Average annual temperature ranges from 40 to 65 degrees F.
	Special Conditions:	Rainfall higher at low elevations, than at high elevations. Area prone to droughts.

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14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Water / Quantity / Runoff/Flooding	1. Floodwaters cause damage to cropland and residential areas.
	2. Water / Quantity / Soil Saturation	2. Water table is near surface of the soil.
	3. Water / Quantity / Inadequate Outlets	3. Natural waterways and outlets are undefined.
	4. Plant / Condition / Productivity	4. Desired grasses are overgrazed.
	5. Plant / Management / Threatened & Endangered Plants	5. Threatened and endangered plants are found growing on the property.
	6. Animal / Habitat / Domestic Animal Water Requirements	6. Water supply and distribution is inadequate and inefficient.
	7. Animal / Habitat / Threatened & Endangered Species	7. Some areas on the property are habitat for threatened and endangered animals.